

0590
1/26

3



ENTERED

OIPE

RAW SEQUENCE LISTING

DATE: 12/10/2002

PATENT APPLICATION: US/10/054,354

TIME: 10:09:53

Input Set : A:\PTO.VSK.txt

Output Set: N:\CRF4\12102002\J054354.raw

3 <110> APPLICANT: Lawton, Robert
 4 O'Connor, Thomas
 5 Bartol, Barbara
 6 MacHenry, Paul
 8 <120> TITLE OF INVENTION: Compositions and Methods for the Detection of Ehrlichia
 Canis and
 9 Ehrlichia chaffeensis Antibodies
 11 <130> FILE REFERENCE: 00-1278B
 C--> 13 <140> CURRENT APPLICATION NUMBER: US/10/054,354
 C--> 14 <141> CURRENT FILING DATE: 2002-11-13
 16 <160> NUMBER OF SEQ ID NOS: 7
 18 <170> SOFTWARE: PatentIn version 3.0
 20 <210> SEQ ID NO: 1
 21 <211> LENGTH: 20
 22 <212> TYPE: PRT
 23 <213> ORGANISM: Ehrlichia canis
 25 <400> SEQUENCE: 1
 27 Lys Ser Thr Val Gly Val Phe Gly Leu Lys His Asp Trp Asp Gly Ser
 28 1 5 10 15
 30 Pro Ile Leu Lys
 31 20
 33 <210> SEQ ID NO: 2
 34 <211> LENGTH: 20
 35 <212> TYPE: PRT
 36 <213> ORGANISM: Ehrlichia canis
 38 <400> SEQUENCE: 2
 40 Asn Thr Thr Thr Gly Val Phe Gly Leu Lys Gln Asp Trp Asp Gly Ala
 41 1 5 10 15
 43 Thr Ile Lys Asp
 44 20
 46 <210> SEQ ID NO: 3
 47 <211> LENGTH: 20
 48 <212> TYPE: PRT
 49 <213> ORGANISM: Ehrlichia chaffeensis
 51 <400> SEQUENCE: 3
 53 Asn Thr Thr Val Gly Val Phe Gly Leu Lys Gln Asn Trp Asp Gly Ser
 54 1 5 10 15
 56 Ala Ile Ser Asn
 57 20
 59 <210> SEQ ID NO: 4
 60 <211> LENGTH: 18
 61 <212> TYPE: PRT
 62 <213> ORGANISM: Ehrlichia chaffeensis
 64 <400> SEQUENCE: 4

RAW SEQUENCE LISTING

DATE: 12/10/2002

PATENT APPLICATION: US/10/054,354

TIME: 10:09:53

Input Set : A:\PTO.VSK.txt

Output Set: N:\CRF4\12102002\J054354.raw

```

66 Asn Pro Thr Val Ala Leu Tyr Gly Leu Lys Gln Asp Trp Asn Gly Val
67 1          5          10          15
69 Ser Ala
72 <210> SEQ ID NO: 5
73 <211> LENGTH: 19
74 <212> TYPE: PRT
75 <213> ORGANISM: Ehrlichia chaffeensis
77 <400> SEQUENCE: 5
79 Asn Thr Thr Val Gly Val Phe Gly Ile Glu Gln Asp Trp Asp Arg Cys
80 1          5          10          15
82 Val Ile Ser
85 <210> SEQ ID NO: 6
86 <211> LENGTH: 18
87 <212> TYPE: PRT
88 <213> ORGANISM: Ehrlichia chaffeensis
90 <400> SEQUENCE: 6
92 Asn Pro Thr Val Ala Leu Tyr Gly Leu Lys Gln Asp Trp Glu Gly Ile
93 1          5          10          15
95 Ser Ser
98 <210> SEQ ID NO: 7
99 <211> LENGTH: 19
100 <212> TYPE: PRT
101 <213> ORGANISM: Ehrlichia chaffeensis
103 <400> SEQUENCE: 7
105 Asn Thr Thr Thr Gly Val Phe Gly Leu Lys Gln Asp Trp Asp Gly Ser
106 1          5          10          15
108 Thr Ile Ser

```

VERIFICATION SUMMARY

PATENT APPLICATION: **US/10/054,354**

DATE: 12/10/2002

TIME: 10:09:54

Input Set : **A:\PTO.VSK.txt**

Output Set: **N:\CRF4\12102002\J054354.raw**

L:13 M:270 C: Current Application Number differs, Replaced Current Application Number
L:14 M:271 C: Current Filing Date differs, Replaced Current Filing Date